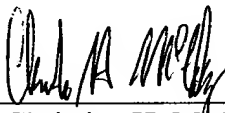## REMARKS

Claims 1-16 are pending in this application. By this Amendment, claims 1-16 are amended to merely clarify the recited subject matter.

Attached hereto is an Appendix which contains the marked-up version of the changes made to the claims by the current Amendment.

Prompt examination and favorable consideration on the merits are respectfully requested.

Respectfully submitted,

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

1. (Amended) A method for providing location service information related to a mobile station [(MS)] in a mobile communications system supporting connections of a first type [(L5)] and a second type [(L3, L7)], the method comprising [the steps of]:

receiving a request [(20, 301)] from a requesting entity;

retrieving [(22, 308)] the [said] location service information related to the [said] mobile station [(MS)]; and

providing a response [(28, 311)] to the [said] request[;]_

[c h a r a c t e r i z e d by] wherein the retrieving further comprises:

determining [(21)] a preferred type of connection for the [said] retrieving [step] based on the [basis of a] first set of predetermined criteria [(304, 306)]; and

performing, in the [said] retrieving [step], at least a first attempt [(22)] via the [said] preferred type of connection.

2. (Amended) The [A] method [according to] of claim 1, [c h a r a c t e r i z e d in that said] wherein [said step determining] the first set of predetermined criteria is determined by [comprises] checking [(304)] whether the mobile station [(MS)] currently has an active connection via at least one [of said types] type of connection.

3. (Amended) The [A] method [according to] of claim 2, [c h a r a c t e r i z e d in that said] wherein the checking is based on examining the [said] request [(301)].

4. (Amended) The [A] method [according to] of claim 1 [any one of the preceding claims], [c h a r a c t e r i z e d in that,] wherein if the [said] first attempt results in a failure,

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a second set of predetermined criteria [comprises] <u>is determined based on a</u> [the] reason for

the failure, and <u>the</u> [said] retrieving [step] comprises performing a second attempt [(26)] via

[the] remaining [type] <u>types</u> of connection in response to [fulfilment] <u>fulfillment</u> of <u>the</u> [said]

second set of predetermined criteria.

5. (Amended) <u>The</u> [A] method [according to] <u>of</u> claim 4, [c h a r a c t e r i z e d in that

said] <u>wherein the</u> second set of predetermined criteria is fulfilled if:

the [said] first attempt fails but the reason for the failure is not "service not allowed";

and

the [said] second attempt via the remaining type of connection has not been

unsuccessfully performed earlier.

6. (Amended) <u>The</u> [A] method [according to] <u>of claim 1</u> [any one of the preceding

claims], [c h a r a c t e r i z e d   in that said] <u>wherein the</u> first type of connection [(L5)] is

circuit-switched and <u>the</u> [said] second type of connection [(L3, L7)] is packet-switched.

7. (Amended) <u>The</u> [A] method [according to] <u>of</u> claim 6, [c h a r a c t e r i z e d in

that,] <u>wherein</u> if <u>the</u> [said] mobile station [(MS)] is having an ongoing call, <u>the</u> [said]

preferred type of connection is circuit-switched [(L5)], otherwise it is packet-switched [(L3,

L7)].

8. (Amended) <u>The</u> [A] method [according to] <u>of</u> claim 6 [or 7], [c h a r a c t e r i z e d

by] <u>further comprising</u> establishing circuit-switched communications for the mobile station

[(MS)] if <u>the</u> [said] packet-switched communications are not established.

9. (Amended) The [A] method [according to any one] of [claims] claim 6 [to 8], [c h a r a c t e r i z e d by] further comprising establishing at least one implicit Packet Data Protocol[, or PDP,] context.

10. (Amended) The [A] method [according to] of claim 9, [c h a r a c t e r i z e d in that said step of] wherein establishing the [PDP] Packet Data Protocol context [comprises] includes allocating a predefined Network layer Service Access Point Identifier[, or NSAPI,] value.

11. (Amended) The [A] method [according to] of claim 9 [or 10], [c h a r a c t e r i z e d in that said] further comprising establishing at least one implicit [PDP] Packet Data Protocol context [is established] between the mobile station [(MS)] and [the] a support node [(SGSN)].

12. (Amended) The [A] method [according to] of claim 9 [to 11], [c h a r a c t e r i z e d in that said] further comprising establishing at least one implicit [PDP] Packet Data Protocol context [is established] between the support node [(SGSN)] and a Serving Mobile Location Centre [(SMLC)] currently serving the mobile station [(MS)].

13. (Amended) The [A] method [according to] of claim 9 [to 11], [c h a r a c t e r i z e d in that] further comprising establishing at least one explicit [PDP] Packet Data Protocol context [is established] between the support node [(SGSN)] and a Serving Mobile Location Centre [(SMLC)] currently serving the mobile station [(MS)].

14. (Amended) The [A] method [according to any one] of [the preceding claims] claim 1, [c h a r a c t e r i z e d in that said] wherein the request [(301)] is received by a Gateway Mobile Location Centre [(GMLC)], and the method further comprises retrieving, by

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the Gateway Mobile Location Centre, [which retrieves] the [said] location service information via a Mobile Services Switching Centre [(VMSC)], which in turn retrieves the [said] location service information via a Serving Mobile Location Centre [(SMLC):], directly, [(307a)] if a circuit-switched connection has been established for the [said] mobile station[;], and, otherwise, indirectly, [(305b, 307b)] via a Serving GPRS Support Node [(SGSN)].

15. (Amended) The [A] method [according to] of claim 14, [c h a r a c t e r i z e d in that said] further comprising sending from the Gateway Mobile Location Centre [(GMLC) sends] to [said] the Mobile Services Switching Centre [(VMSC)] the address of the [said] Serving GPRS Support Node [(SGSN)].

16. (Amended) An arrangement [(GMLC, VMSC)] for supporting location service information related to a mobile station [(MS)] in a mobile communications system supporting circuit-switched communications and packet-switched communications, the arrangement being [adapted] configured to:

receive a request [(20, 301)] from a requesting entity;

retrieve [(22, 308)] the [said] location service information related to the [said] mobile station [(MS)]; and

provide a response [(28, 311)] to the [said] request;

[c h a r a c t e r i z e d in that said arrangement (GMLC, VMSC) is adapted to:]

determine [(21)] a preferred type of connection for the [said] retrieving on the basis of a first set of predetermined criteria [(304, 306)]; and to

perform at least a first attempt [(22)] via the [said] preferred type of connection.

IN THE ABSTRACT OF THE DISCLOSURE:

The abstract is changed as follows:

[(57)Abstract] ABSTRACT OF THE DISCLOSURE

A method for providing location service information related to a mobile station in a mobile communications system supporting connections of a first type, for example circuit-switched, and a second type, for example packet-switched. The method comprises [the steps of receiving] a request [(20)] from a requesting entity; retrieving [(22) said] the location service information related to [said] the mobile station; and providing a response [(28)] to [said] the request. The method [is characterized by] further comprises determining [(21)] a preferred type of connection for [said] the retrieving [step] based on [the basis of] a first set of predetermined criteria; and performing, in [said] the retrieving [step], at least a first attempt [(22)] via a [said] preferred type of connection.

[(Fig. 2)]

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